

2nd FASEB Summer Conference on
Endothelium and Cardiovascular Function

July 28 to August 2, 1991

Session 1: Activation of Signal Transduction in endothelial cells.

Discussion Leader: R. Busse

D. Adams	Ca ²⁺
P.E. DiCorleto	Protein Kinase C
P. Davies	Flow-mediated response
N. Flavahan	G-proteins
T. Brock	Receptors

Session 2: Cytokines, Inflammation and the vascular wall.

Discussion Leader: P. Libby

M. Gimbrone	Interleukins
A. Mantrovani	Modulation of endothelial function by cytokines
S. Prescott	Platelet activating factors
J. Kilbourne	Tumor necrosis factor
J. Pober	Immune functions
J.C. Stoclet	Endotoxin

Session 3: Blood-Endothelium Interactions

Discussion Leader: E. Dejana

M. Bevilacqua	Adhesion-proteins
R. Cohen	Platelets
D. Luskutoff	Plasminogen activator inhibitors
S. Silverstein	Leukocytes
R. Rosenberg	Thrombin-anti thrombin

Session 4: Endothelium-derived nitric oxide

Discussion Leader: S. Moncada

R.F. Furchgott	Nature of EDRF
L. Ignarro	NO in the vascular wall
A. Mulsch	Endothelial NO-synthase
R. Palmer	Neuronal NO-synthase
E. Murad	Activation of guanylate cyclase
D. Harrison	Nitrosothiol

Session 5: Endothelium-derived contracting factors

Discussion Leader: P.M. Vanhoutte

G. Rubanyi	Anoxia and endothelium
D. Harder	EDCF and membrane potential
Z. Katusic	Oxygen-derived free radicals
M. Yanagisawa	Endothelin
V. Miller	Heterogeneity in response to EDCF
C. Boulanger	EDRF and endothelin

Session 6: Vascular Physiological Role of EDRF

Discussion Leader: E. Bassenge

T. Griffith	EDRF and microvascular structure
G. Kaley	EDRF and microvascular responses
J. Cooke	Shear stress and release of EDRF
U. Pohl	Flow-induced vasodilation
W. Jackson	Endothelium and Rhythmicity
D. Rees	EDRF and blood pressure

Session 7: Non-endothelial origin of NO and endothelin

Discussion Leader: T. Masaki

V. Forsterman	Neuronal cells
V. Schini	Vascular smooth muscle
M. Marletta	White cells
C. Romero	Kidney
J. Billiar	Hepatocytes

Session 8: Endothelial Growth Factors

Discussion Leader: W. Alexander

M. Majewski	Hypertrophy and hyperplasia
R. Williams	PDGF
J. Madri	Extracellular Matrix
T. Maciak	Endothelial growth factors
J. Folkman	Angiogenetics
M. Reidy	Vascular Injury

Session 9: Vascular Phenomena and Vascular Disease

Discussion Leader: A. Herman

P. Henry	Atherosclerosis
P. Ganz	Coronary Disease
T. Luscher	Hypertension
R.M. Robertson	Endothelial cell disease
D. Heistad	Stroke